

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Ron Schneider

GENERAL INFORMATION:

Name:	Delta Air Lines, Inc.
Address:	3087 B Terminal Drive, Hebron, KY 41048
Date application received:	June 25, 2001
SIC/Source description:	4512, Airline
Source ID #:	21-015-00062
Source A.I. #:	171
Activity #:	APE20040001
Permit number:	F-06-018

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☒ Area is non-attainment (list pollutants): ozone, PM2.5

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM/PM ₁₀	0.26	3.22
SO ₂	0.13	6.56
NO _x	3.59	48.83
CO	1.91	17.58
VOC	8.01	44.96
Single HAPs > 10 tpy	None	None
Source wide HAPs > 25 tpy	N/A	N/A

SOURCE DESCRIPTION:

Delta Air Lines, Inc. (Delta) is a major passenger airline that operates its second largest U.S. hub at the Cincinnati/Northern Kentucky International Airport in Hebron, Kentucky. Emission sources include a 10.461 mmBtu/hr natural gas fired boiler, a 1MW emergency generator, a 25,000 gallon underground gasoline storage tank, and miscellaneous use of chemicals throughout the facility including touch up painting of vehicles in a paint booth. Insignificant and trivial activities include several smaller boilers, space heaters and emergency generators; several storage tanks, including those used for storage of deicing fluid and jet fuel; and small scale abrasive blasting, welding and parts cleaning operations.

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

Source-wide limits of 45 tons per year for Volatile Organic Compounds (VOC), 11.25 tons per year of combined Hazardous Air Pollutants (HAP), and four (4) tons per year of any individual HAP have been set. ComAir, which is under common ownership also operates at the Cincinnati/Northern Kentucky International Airport, and similar limits will be placed on the ComAir conditional major permit to ensure Delta's overall status as a conditional major source.

OPERATIONAL FLEXIBILITY:

NONE